(b) if so, what are the details thereof? and

(6) what concrete steps have been taken so far toy Government to save the township from danger ?

THE DEPUTT MINISTER IN THE MINISTRY OF COAL (SHRI S. B. NYAMAGOUDA) : (a) and (b) Problems of land subsidence, mainly exist in the Raniganj Coalfield of Eastern Coalfields Ltd., due to unscientific exploitation of coai during pre-nationalisation days. 45 locations in4 Asansol-Raniganj area of West Bengal have been identified as unsafe areas based on the declaration of Director General of Mine? Safety, Govt, of West Bengal and the areas listed by Central Mine Planning and Design Institute in the Master Plan of Raniganj Coalfield.

(c) With a view to checking the growth of habitation over unsafe areas, the Govt. of West Bengal had passed legislation in 1979 prohibiting construction in such unsafe areas. There is no proven method of stablis ing inaccessible, water-logged, old abandon ed workings of Raniganj Coalfields. Eastern Coalfields Limited, has however, developed through Research and Development, a sys tem of hydropneumatic method of stowing for stabilising water-logged, inaccessible workings and at present a part of the Rani ganj township has been taken up for stabilisation under the supervision of an 'Apex Monitoring Committe©' constituted by the State Govt, of West Bengal and Coal India Limited. Necessary remedial measures are taken by the management of ECL to shift the affected persons due to subsidence as and when required.

Foreign Collaboration in Coal Mining

983. SHRI PARMESHWAR KUMAR AGARWALLA : Willi the Minister of COAL be pleased to state :

(a) what are the projects undertaken with foreign collaboration for coal mining;

(b) the total amount involved in such collaborations in terms of foreign exchange and its equivalent in Indian rupee;

(c) what is production target of coal for the next three years;

(d) the actual production achieved during the last three years; and

(e) the cost of production of coal per metric tonne for the current year ?

THE DEPUTY MINISTER IN THE MINISTRY OF COAL (SHRI S. B. NYAMAGOUDA) : (a) The following on-going coal projects are presently under implementation with foreign collaboration :—

Country	Projects	
Russia . . .	1 Nigahi opencast (Northern Coalfields Limited)	3 Jhanjra underground (Eastern Coalfields Limited)
	2 Khadia opencast (Northern Coalfields Limited).	4. Modernisation of Patherdih washery (Bharat Coking Coal Limited).
France . . .	1. Kottadih underground (Eastern Coalfields Limited).	2. GPK-10&8 Inclines, (Singareni Collieries Company Limited).
Canada . . .	Rajmahal opencast (Eastern coalfields Limited)	
Australia . . .	Piparwar opencast (Central Coalfields Limited).	
Germany . .	1. Ramagundam-II opencast (Singareni Collieries Company Limited).	2. Bina Deshaling Plant (Northern Coalfields Limited).
UK . . .	1. GDK-11A 2. GDK-9A Extn. (Vakilpalli Block 'A') and	3. GDK-10A projects of (Singareni Collieries Company Limited).

(b) The total amount involved in such collaborations in terms of foreign exchange and its equivalent in Indian Rs. (at current exchange rate) is given as under :

Country	Total foreign exchange involved in collaboration		
	in foreign currency		in equivalent Indian Rs. (in crores)
Russia	Rbls.	92.72 million	278.16*
France	FF	279.21 million	175.11
Canada	C$	166.00 million	422.62
Australia	A$	206.60 million	459.66
Germany	DMs	176.26 million	376.17
UK	£	24.33 million	140.75

*at the exchange rate of 1 Rbl=30 Rs as the current exchange rate is not quoted by the Government.

(c) The production targets of Coal for the next three years are yet to be finalised.

(d) The country's actual Coal production during the last three years is as under :

Year	Actual Coal Production (in million tonnes)
1989-90	200.89
1990-91	211.73
1991-92	229.29

(e) The cost of production of coal per metric tonne for the current year (1992-93) is targetted as under :

Company	Coal production cost in Rs. per metric tonne Target 1992-93
Coal India Limited	322.04
Singareni Collieries Company Limited	447.03

New Coal Projects sanctioned

984. DR. NARREDDY THULASI REDDY

Will the Minister of COAL be pleased to state :

(a) what are the names of new coal projects sanctioned during 1991-92; and

(b) what is the capacity and capital cost of each project ?

THE DEPUTY MINISTER IN THE MINISTRY OF COAL (SHRI S. B. NYAMAGOUDA) : (a) and (b) The undermentioned new coal projects have been sanctioned by the Government during 1991-92 :—

	Project	Target capacity (m.t.p.a.)	Capital cost (Rs. crores)
(i)	Ananta DCP MCL	4.00	156.49
(ii)	Ukni DCP WCL	1.10	100.37
(iii)	Lakhanpur DCP MCL	5.00	221.51
(iv)	Kalinga Integrated mine-cum-beneficiation plant, MCL	8.00 (raw coal)	485.77